Data Express DE75 Wide SCSI Install Guide

Removable SCSI Wide Drive Enclosure

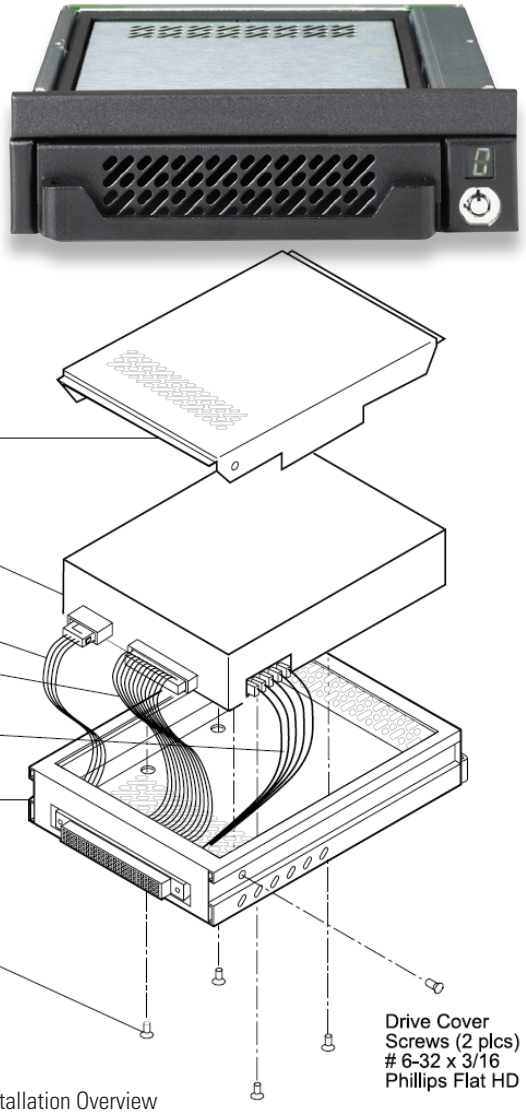
Protective Drive Cover (Provided)
Drive (Not Included)
Power Cable
I/O Cable
ID Select Cable
Drive Carrier
Drive Mounting Screws (4ea) # 6-32 x 3/16 Phillips Flat HD
Drive Cover Screws (2 plcs) # 6-32 x 3/16 Phillips Flat HD

Figure 1: Drive Installation Overview

Receiving Frame Motherboard

Option Pins:
Remote Unit ID Selection – Pins 1-8 of this connector provide unit SCSI ID selection for the computer system or expansion chassis. For remote ID selection through an expansion chassis, an appropriate cable must be attached to these pins and the unit ID must be sent to "0". The unit ID can be set with a rotating switch located inside the receiving frame. See "Selecting the Unit ID Number Below."

Disable Termination (DT) – A factory-installed jumper on these pins disables termination. Remove this jumper if the drive is physically located at the end of a SCSI daisy chain.

Remote Activity LED (RLED) – These pins provide power for a remote LED device activity indicator (Pin 11=Cathode, Pin 12 =Anode).

Enable Termination Power To/From SCSI Bus (TPWR) – This jumper is installed at the factory.

Typical 2mm Drive ID Pin Configuration

Figure below illustrates a typical SCSI ID select connection to a drive with 2mm ID select pins. The wires on the wire harness connect to the positive pin (or signal pins) on the disk drive. In some cases, the drive manufacturer will label the signal pins as Pin 1, 3, 5, 7, (instead of 0, 1, 2, 3 as shown in figure below). Also, in some cases, the even-numbered Pins 2, 4, 6 are used for Ground.

Attached the ID select cable to the drive using the 2mm connectors. Align the "ID0" pin with the black wire. Attach the 1.25mm connector on the other end of the ID select cable to the 1.25mm connector (J3B) provided on the signal distribution board, located inside the carrier. Refer to the manufacturer's documentation to disable termination on the drive.

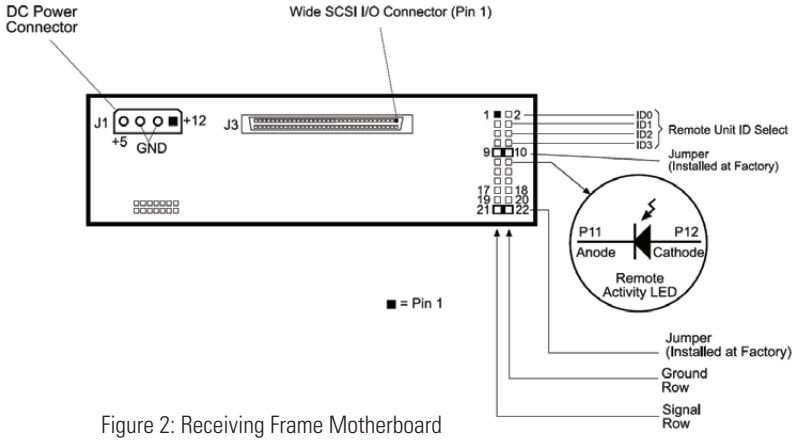

Figure 2: Receiving Frame Motherboard

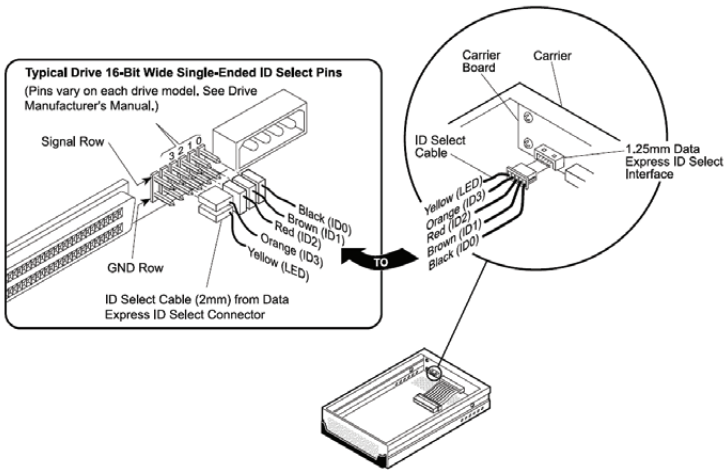

Figure 3: Typical ID Select Connections (2mm Drive Pins)

Selecting the Unit ID Number: Use the alignment tool (provided) to select the ID number of the disk drive.

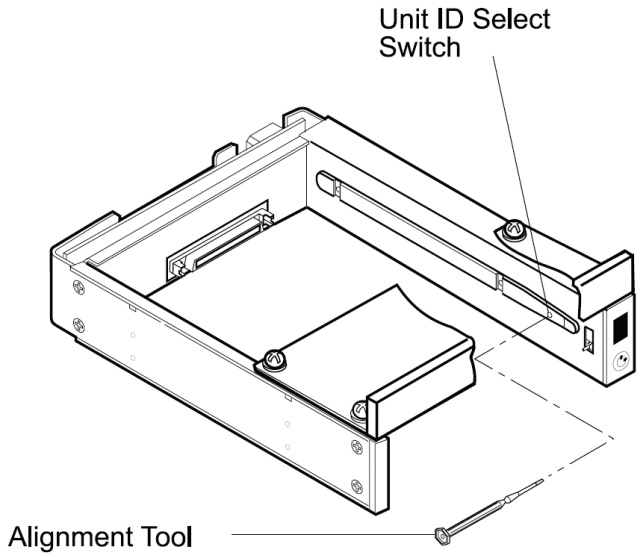

Figure 4: Unit ID Select Switch Location

NOTE: The lock on the Data Express serves as a power switch. It must be engaged (turned counterclockwise) for the Data Express to power up and function properly.

Limited Product Warranty

CRU-DataPort (CRU) warrants the Data Express DE75 to be free of significant defects in material and workmanship for a period of five years from the original date of purchase. CRU's warranty is nontransferable and is limited to the original purchaser.

Limitation of Liability

The warranties set forth in this agreement replace all other warranties. CRU expressly disclaims all other warranties, including but not limited to, the implied warranties of merchantability and fitness for a particular purpose and non-infringement of third-party rights with respect to the documentation and hardware. No CRU dealer, agent or employee is authorized to make any modification, extension, or addition to this warranty. In no event will CRU or its suppliers be liable for any costs of procurement of substitute products or services, lost profits, loss of information or data, computer malfunction, or any other special, indirect, consequential, or incidental damages arising in any way out of the sale of, use of, or inability to use any CRU product or service, even if CRU has been advised of the possibility of such damages. In no case shall CRU's liability exceed the actual money paid for the products at issue. CRU reserves the right to make modifications and additions to this product without notice or taking on additional liability.

Certification

EMI Standard: FCC Part 15 Class B, CE
EMC Standard: EN55022, EN55024

FCC Certification

This device has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC rules. Operation is subject to the following two conditions:

1. This device may not cause harmful interference.

2. This device must accept any interference received; including interference that may cause undesired operation.

Register your product at www.CRU-DataPort.com

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